

ABSTRACT OF THE DISCLOSURE

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A method for repairing structures uses an accurate measurement of the part to be repaired and the structure into which it fits. The method allows for a digital measurement of features of the part and the structure, and eliminates tedious and inaccurate hand-measurement methods previously used. The method is primarily applicable to one-of-a-kind parts requiring exact measurements, because of the unique shape that a part may assume when it is subject to stress and strain over time and many cycles of use.

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